

Prepreg Moulding

Vacuum Bagging Materials



Essentials

- ▶ Vacuum Bag Films
- ▶ Release Films
- ▶ Release Fabrics
- ▶ Breathers & Bleeders
- ▶ Combo-Tech
- ▶ PS Tapes
- ▶ Mould Releases
- ▶ Sealant Tapes
- ▶ Vac Valves & Hoses
- ▶ Vac Gauges & Tools
- ▶ Rubber & Accessories





Airtech Innovations



Wrightlon® 600V

Vacuum bag film

Wrightlon® 600V vacuum bagging film is designed for low cost, commercial applications yet still performs with high pressure autoclave cure cycles.

It has good elongation and stays soft in low humidity conditions which makes bagging easier and reduces cycle times.



RF242B-1

Release film

RF242B-1 release film is a high temperature, high elongation, high strength release film which will conform easily to the most complex curvatures.

High strength means thinner films can release without tearing, reducing costs significantly.



Airflow 65R

Now available with integrated elbows

Airflow 65R can be used as an autoclave or oven hose. The outer ply is silicone rubber that encases a flexible steel tube that prevents collapse and hose separation.



TV 150G

Vacuum bag sealant tape

TV 150G is an economical vacuum bag sealant tape developed for creating tight seals between vacuum bag to vacuum bag processes. It has great tack for quick adhesion applications, suitable for temperatures up to 150°C.

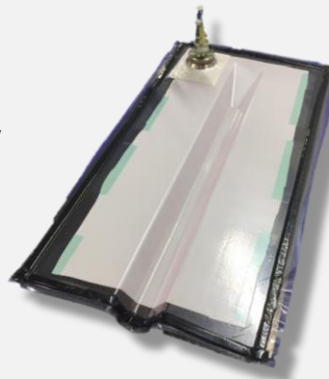


Airtac 2 LH+

Spray adhesive

Airtac 2 LH+ is a high tack spray adhesive designed for temporary bonding. It can be used to hold dry materials on contours and vertical surfaces.

Airtac 2 LH+ has a fine mist spray pattern.



Stretch Flow 2000

Breather fabric

Stretch Flow 2000 is a knitted, nylon, stretchable breather used in a variety of applications. The high-stretch characteristics of Stretch Flow 2000 enable it to conform to many complex contour surfaces.



Wrightlease

Extruded fluoropolymer tape

Wrightlease is a non-stick tape for applications where resin release is required.

The orange colour is highly visible on most substrates in addition to offering high elongation and tensile strength.



Combo-Tech

Combination materials

Combo-Tech technology from Airtech combines materials for great labour savings during layup process.

Combination of products are applied in one operation as opposed to applying one layer at a time.

Vacuum Bagging Films





Airtech manufactured vacuum bag films made for composites

L-550G

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
171°C	400%	52 MPa	0.002" x 18" LFT x 1000ft 0.002" x 24" LFT x 1000ft 0.002" x 36" LFT x 1000ft 0.002" x 48" LFT x 1000ft 0.002" x 60" LFT x 1000ft 0.002" x 80" LFT x 750ft 0.002" x 90" LFT x 750ft 0.002" x 118.5" LFT x 420ft	50µm x 457mm LFT x 304m 50µm x 610mm LFT x 304m 50µm x 914mm LFT x 304m 50µm x 1.22m LFT x 304m 50µm x 1.52m LFT x 304m 50µm x 2.03m LFT x 228m 50µm x 2.29m LFT x 228m 50µm x 3.00m LFT x 128m

Benefits

L-550G vacuum bagging film is available in wide sizes and has high elongation and high tensile strength. The enhanced physical values allow for added security even in harsh environments. L-550G is well suited for wind energy, marine, and other commercial applications.



Wrightlon® 600V

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	400%	65 MPa	0.002" x 12" LFT x 1000ft 0.002" x 18" LFT x 1000ft 0.002" x 24" LFT x 1000ft 0.002" x 36" LFT x 1000ft 0.002" x 48" LFT x 1000ft 0.002" x 60" LFT x 1000ft 0.002" x 80" LFT x 750ft 0.002" x 90" LFT x 750ft 0.002" x 118" LFT x 500ft	50µm x 304mm LFT x 304m 50µm x 457mm LFT x 304m 50µm x 610mm LFT x 304m 50µm x 914mm LFT x 304m 50µm x 1.22m LFT x 304m 50µm x 1.52m LFT x 304m 50µm x 2.03m LFT x 228m 50µm x 2.29m LFT x 228m 50µm x 2.99m LFT x 152m

Benefits

Wrightlon® 600V vacuum bagging film is designed for low cost, commercial applications yet still performs with high pressure autoclave cure cycles. It has good elongation and stays soft in low humidity conditions.



Stretchlon® 850

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	450%	69 MPa	0.002" x 2" LFT x 500ft 0.002" x 4" LFT x 500ft 0.002" x 6" LFT x 1000ft 0.002" x 9" LFT x 1000ft 0.002" x 12" LFT x 1000ft 0.002" x 18" LFT x 1000ft 0.002" x 24" LFT x 1000ft 0.002" x 36" LFT x 1000ft 0.002" x 48" LFT x 1000ft 0.002" x 60" LFT x 1000ft 0.002" x 90" LFT x 750ft 0.002" x 118" LFT x 300ft	50µm x 51mm LFT x 152m 50µm x 101mm LFT x 152m 50µm x 152mm LFT x 304m 50µm x 228mm LFT x 304m 50µm x 304mm LFT x 304m 50µm x 457mm LFT x 304m 50µm x 610mm LFT x 304m 50µm x 914mm LFT x 304m 50µm x 1.22m LFT x 304m 50µm x 1.52m LFT x 304m 50µm x 2.29m LFT x 228m 50µm x 2.99m LFT x 91m

Benefits

Stretchlon® 850 is a high elongation film in tube form with a good softness which will conform to complex contours. This film is designed to remain more flexible than standard nylon films in low humidity conditions. Stretchlon® 850 is recommended for epoxy and BMI resins.



Wrightlon® 7400

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	400%	55 MPa	0.002" x 54" SHT x 2000ft 0.002" x 60" SHT x 1000ft 0.002" x 80" SHT x 1000ft 0.002" x 96" SHT x 1000ft 0.002" x 120" CF x 1000ft 0.002" x 160" CF x 750ft 0.002" x 180" CF x 750ft	50µm x 1.37m SHT x 610m 50µm x 1.52m SHT x 304m 50µm x 2.03m SHT x 304m 50µm x 2.44m SHT x 304m 50µm x 3.05m CF x 304m 50µm x 4.06m CF x 228m 50µm x 4.57m CF x 228m

Benefits

Wrightlon® 7400 is a high temperature nylon film with high elongation which is suitable for cure temperatures up to 204°C. It is also offered with our embossed, cracked ice pattern making it a breather, release film and vacuum bag all-in-one.



- Other products are available, please visit www.airtech-amg.co.uk for full product selection.
- Other sizes are available on special order, please contact your Airtech customer service representative for complete details.



*SHT=Sheeting



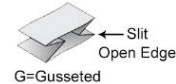
CF=Centerfold



LFT=Lay-Flat
Tubing

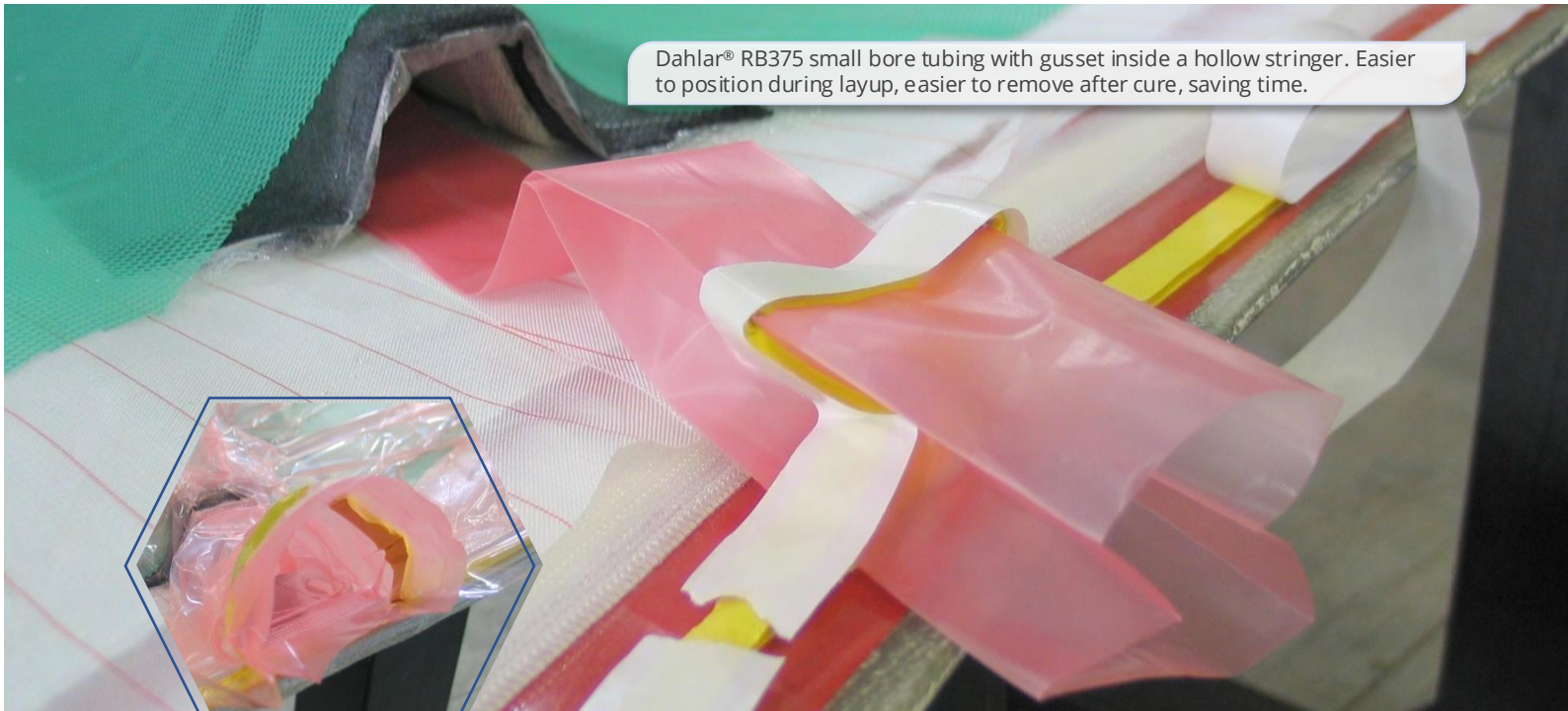


GT=Gusseted
Tubing




G=Gusseted

Vacuum Bagging Films



Dahlar® RB375 small bore tubing with gusset inside a hollow stringer. Easier to position during layup, easier to remove after cure, saving time.



Airdraw 2 embossed vacuum bagging film with a "cracked ice" pattern designed for faster compaction and reduced cycle times.



Small bore and embossed vacuum bag films

Dahlar® Release Bag 375

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
155°C	475%	40 MPa	0.0027" x 2" LFT x 500ft 0.0027" x 2.5" LFT x 500ft 0.0027" x 3" LFT x 500ft 0.0027" x 4" LFT x 1000ft 0.0027" x 5" LFT x 500ft 0.0027" x 6" LFT x 1000ft 0.0027" x 8" LFT x 1000ft 0.0027" x 9" LFT x 1000ft 0.0027" x 10" LFT x 1000ft 0.0027" x 12" LFT x 1000ft	70µm x 51mm LFT x 152m 70µm x 63mm LFT x 152m 70µm x 75mm LFT x 152m 70µm x 101mm LFT x 304m 70µm x 127mm LFT x 152m 70µm x 152mm LFT x 304m 70µm x 203mm LFT x 304m 70µm x 228mm LFT x 304m 70µm x 254mm LFT x 304m 70µm x 304mm LFT x 304m

Benefits

Dahlar® Release Bag 375 is a self-releasing multi-layer bagging film for direct contact with prepreg for fabrication of hollow parts such as bicycle components, fishing rods, masts, etc. It exhibits superior strength, temperature resistance and vacuum integrity of Airtech's multi-layer film technology. Dahlar® Release Bag 375 exhibits excellent release off epoxy and polyester resins.



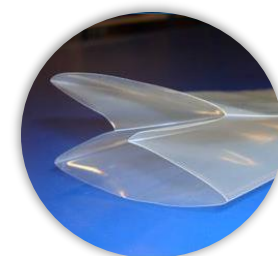
Dahlar® Release Bag 460

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	425%	60 MPa	0.0027" x 2" LFT x 1000ft 0.0027" x 2.5" LFT x 500ft 0.0027" x 3" LFT x 500ft 0.0027" x 4" LFT x 1000ft 0.0027" x 4" GT x 500ft 0.0027" x 5" LFT x 1000ft 0.0027" x 5" GT x 500ft 0.0027" x 6" LFT x 1000ft 0.0027" x 6" GT x 500ft 0.0027" x 8" LFT x 1000ft 0.0027" x 8" GT x 500ft	70µm x 51mm LFT x 304m 70µm x 63mm LFT x 152m 70µm x 75mm LFT x 152m 70µm x 101mm LFT x 304m 70µm x 101mm GT x 152m 70µm x 127mm LFT x 304m 70µm x 127mm GT x 152m 70µm x 152mm LFT x 304m 70µm x 152mm GT x 152m 70µm x 203mm LFT x 304m 70µm x 203mm GT x 152m

Benefits

Dahlar® Release Bag 460 is a self-releasing multi-layer bagging film for direct contact with prepreg for fabrication of hollow parts. It exhibits superior strength, temperature resistance and vacuum integrity of Airtech's multi-layer film technology. Dahlar® Release Bag 460 exhibits excellent release off epoxy resins.

This product is also available in gusseted tubing (GT). Thanks to the gusset folding, Dahlar® Release Bag 460 is easier to position accurately in hollow parts. Upon application of pressure the bag will easily expand to fit to the shape of the part which is very useful in applications where there are variations in the part diameter. This development ensures even application of internal pressure in cases of small diameter parts, where the insertion of a standard lay flat tube bagging film can be problematic.

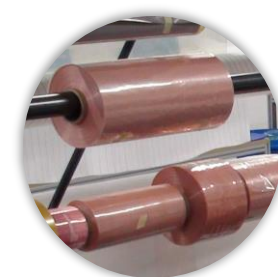


Ipplon® KM1300

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
212°C	450%	48 MPa	0.002" x 2" LFT x 500ft 0.002" x 3" LFT x 500ft 0.002" x 4" LFT x 500ft 0.002" x 5" LFT x 500ft 0.002" x 6" LFT x 500ft 0.002" x 8" LFT x 1000ft 0.002" x 10" LFT x 1000ft 0.002" x 12" LFT x 1000ft	50µm x 51mm LFT x 152m 50µm x 75mm LFT x 152m 50µm x 101mm LFT x 152m 50µm x 127mm LFT x 152m 50µm x 152mm LFT x 152m 50µm x 203mm LFT x 304m 50µm x 254mm LFT x 304m 50µm x 304mm LFT x 304m

Benefits

Ipplon® KM1300 is a vacuum bagging film with a good elongation and is suitable for cure temperatures up to 212°C. It is recommended for bagging applications where a higher softness is required. An excellent film for autoclave use or resin infusion.



Airdraw 2

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	450%	55 MPa	0.003" x 60" SHT x 650ft 0.003" x 120" SHT x 650ft 0.003" x 157" SHT x 650ft	75µm x 1.52m SHT x 198m 75µm x 3.05m SHT x 198m 75µm x 3.99m SHT x 198m

Benefits

Airdraw 2 vacuum bagging film is embossed with a "cracked ice" pattern which allows for rapid air removal when placed under vacuum. The film has been formulated to provide increased stiffness to assist in maintaining a breathable pattern. Airdraw 2 is not affected by environmental conditions and will not soften in high humidity, allowing superior breathability. It is designed primarily for ply compaction with the added benefits of not requiring a breather.

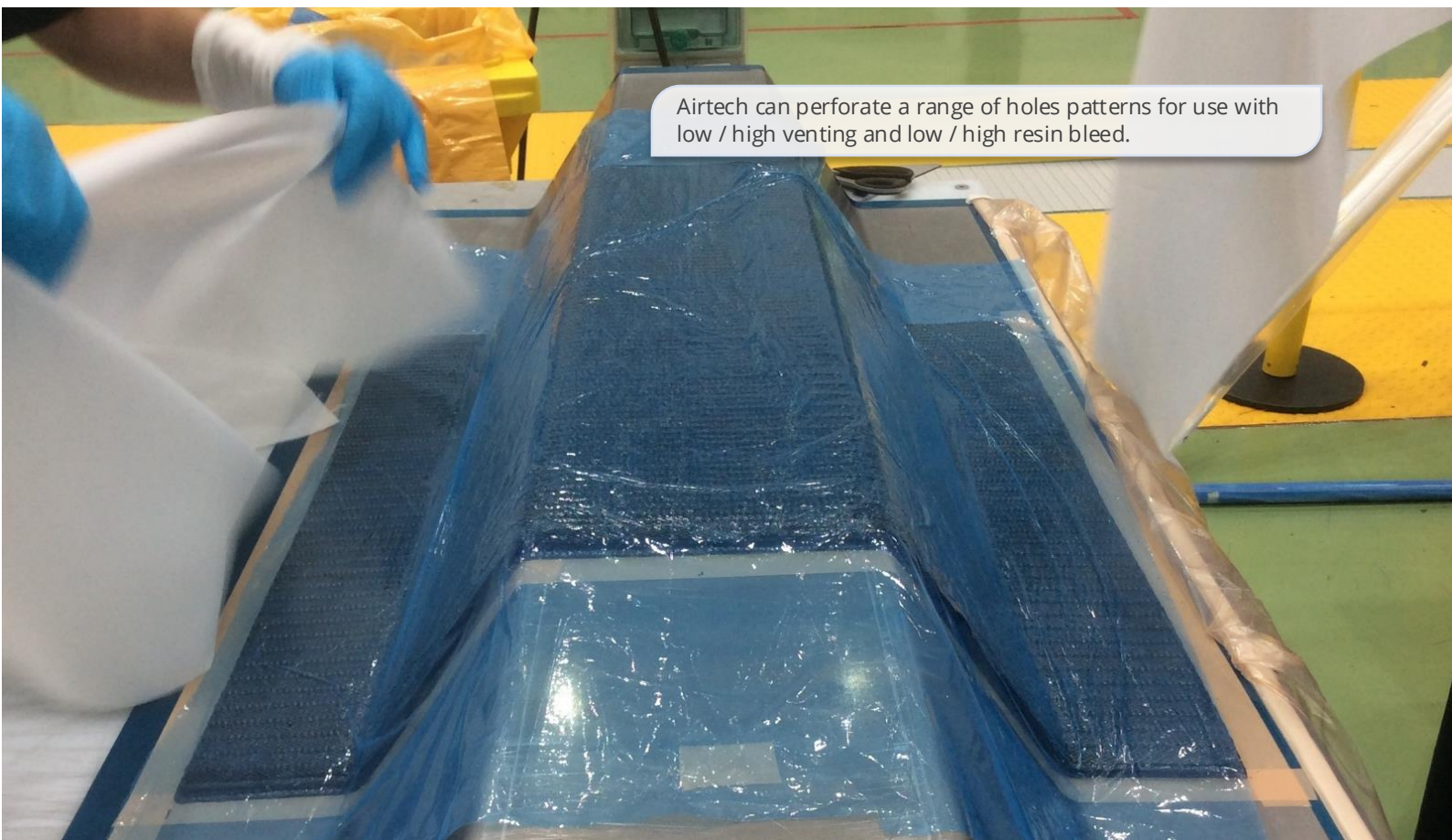
It is embossed from one side of the film, under close examination; the film has a flat side and a raised side. The outer surface of the roll is the raised side. For best results, place the raised side against the part surface on top of a perforated release film.



Release Films



Airtech manufactures release films with fluoropolymers for high temperatures and polyolefins for lower temperature applications.



Airtech can perforate a range of holes patterns for use with low / high venting and low / high resin bleed.



Release films made for prepreg compaction and curing

Wrightlon® 3700

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	500%	30 MPa			

Benefits

Wrightlon® 3700 is a release film that is designed for low temperature applications such as compaction. Wrightlon® 3700 will release from most known resin systems.

WL3700	0.001" x 60" x 2000ft	25 µm x 1.52m x 609m
WL3700P3	0.001" x 60" x 2000ft	25 µm x 1.52m x 609m



Wrightlon® 3900

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
157°C	500%	41 MPa			

Benefits

Wrightlon® 3900 release film is a high elongation film which will exhibit excellent release properties from polyester, vinyl ester and epoxy resin systems. It will take temperature up to 157°C.

WL 3900R	0.0012" x 60" x 3280ft	30µm x 1.52m x 1000m
WL 3900RP3	0.0012" x 60" x 3280ft	30µm x 1.52m x 1000m



Dahlar® Release Bag 125

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
140°C	400%	65 MPa			

Benefits

Dahlar® Release Bag 125 is an economical film designed for release film applications. It can be used for cures up to 140°C and will release from most resins. Dahlar® Release Bag 125 is the ideal release film for polyester or vinyl ester resins as well as epoxies and phenolics.

RBG125	0.001" x 60" x 2000ft	25µm x 1.52m x 609m
RBG125 P3	0.001" x 60" x 2000ft	25µm x 1.52m x 609m



RF242B-1

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
220°C	350%	48 MPa			

Benefits

RF242B-1 release film is a high temperature and high elongation release film which will conform easily to the most complex curvatures.

RF242B -1	0.0006" x 48" x 1200ft	15µm x 1.22m x 366m
RF242B -1 P3	0.0006" x 48" x 1200ft	15µm x 1.22m x 366m
RF242B -1	0.0008" x 48" x 600ft	20µm x 1.22m x 183m
RF242B -1 P3	0.0008" x 48" x 600ft	20µm x 1.22m x 183m



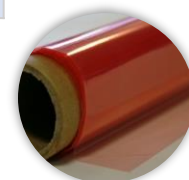
RF260R-1

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	300%	20 MPa			

Benefits

RF260R-1 release film is a high temperature and high elongation release film which will conform easily to the most complex curvatures.

RF260R-1	0.0005" x 60" x 1200ft	12.5µm x 1.52m x 366m
RF260R-1	0.0008" x 48" x 600ft	20µm x 1.22m x 183m
RF260R-1 P3	0.0008" x 48" x 600ft	20µm x 1.22m x 183m



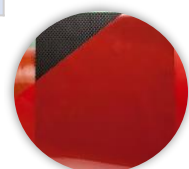
MR1 RED

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
315°C	400%	31 MPa			

Benefits

MR release films can take temperature up to 315°C. These films have a high elongation and a good conformability. This film will provide a smooth surface after the cure.

MR1 RED	0.001" x 48" x 500ft	25µm x 1.22m x 152m
MR1 RED P3	0.001" x 48" x 500ft	25µm x 1.22m x 152m

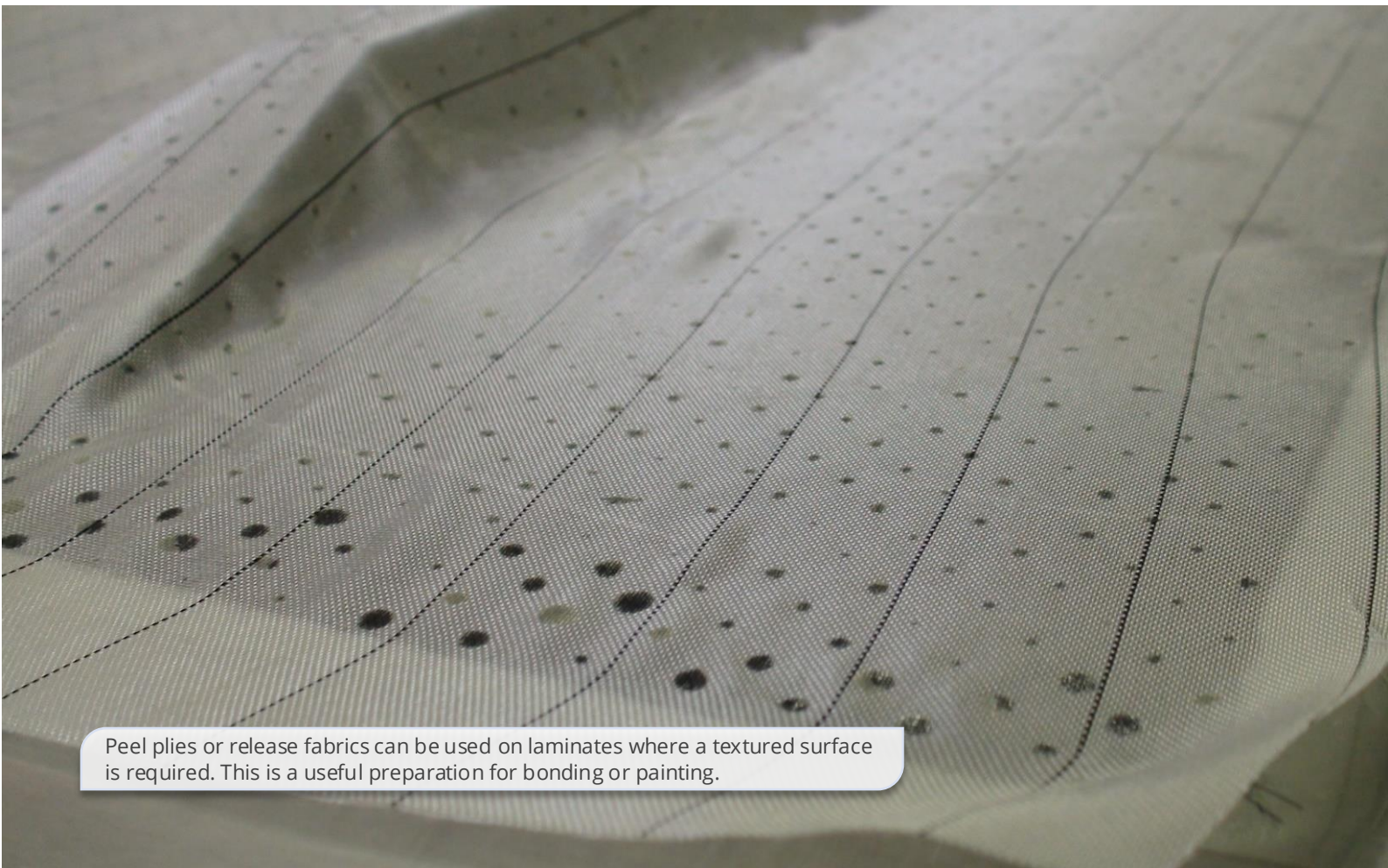


- Other products are available, please visit www.airtech-amg.co.uk for full product selection.
- Other sizes are available special order, please contact Airtech customer service representative for complete details.
- Material can be slit in special widths upon request (1 standard roll as minimum order quantity).

Release Fabrics & Peel Ply



Airtech offers a wide range of peel plies and release fabrics for the full range of process requirements.



Peel plies or release fabrics can be used on laminates where a textured surface is required. This is a useful preparation for bonding or painting.



Uncoated & coated release fabrics for paint & bonding preparation

Econostitch® G

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Polyester	85 g/m ²	White / Black Tracer		

Benefits

Econostitch® G is an economical peel ply with good performance when used with both polyester and epoxy resins. It has black tracers with high visibility to reduce the risk of peel ply being left on the part. Econostitch® G assists or eliminates the need for sanding or abrading on your composite laminate.

71" x 218 yards

1.80m x 200m



Econostitch®

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Nylon	88 g/m ²	White / Red Tracer		

Benefits

Econostitch® is a heat set and scoured nylon peel ply with red tracers which make this peel ply more visible before and after a cure, reducing the possibility of the peel ply being left on the part. Econostitch® assists or eliminates the need for sanding or abrading on your composite laminate.

60" x 300 yards

1.52m x 274m



60BR Coated peel ply

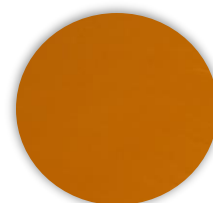
Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
205°C	Nylon	60 g/m ²	Orange		

Benefits

60BR peel ply is a high temperature tightly woven nylon fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer release agent to the part, so we recommend testing prior to part production.

60" x 109 yards

1.52m x 100m



TFG S 075P

Maximum Use Temperature	Fibre Type	Thickness	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	PTFE coated fibreglass	75µm	Brown		

Benefits

TFG S075P bleed out fabrics are porous, PTFE coated glass fabrics which will provide release from all conventional resin systems. Porous products will allow excess resin, volatiles and trapped air to escape into the breather during cure while non-porous products will retain resin.

39" x 109 yards

1m x 100m



TFG S 075

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	PTFE coated fibreglass	75µm	Brown		

Benefits

TFG S 075 is a general purpose non-porous PTFE coated glass fabric with medium gloss coating suitable for consideration when cost is a prime factor.

39" x 109 yards

1m x 100m



Breather & Bleeder



Airtech manufactures a breather range of different weights and fibre types for low cost and high-performance applications.



Polyester breathers are good for bleeding excess resin, oven curing and standard autoclave cures.



Non-woven fabrics to apply vacuum, pressure and absorb excess resin

Airweave® N4 Light weight breather

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (inches)	Roll Sizes (Metric)
204°C	Polyester	140 g/m ²		

Benefits

Airweave® N4 is a good breather for low pressure cures. It conforms well and can be used as a bleeder at any pressure.

60" x 109 yds
30" x 109 yds

1.52m x 100m
760mm x 100m



Airweave® N10 Heavy weight breather

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (inches)	Roll Sizes (Metric)
204°C	Polyester	339 g/m ²		

Benefits

Airweave® N10 is used for higher pressure cures. This breather still offers good elongation and cushions any sharp radius for vacuum bag protection. Non-woven construction provides good conformity.

60" x 55 yds
30" x 55 yds

1.52m x 50m
760mm x 50m



NW 340N Nylon heavy weight breather

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (inches)	Roll Sizes (Metric)
232°C	Nylon blend	340 g/m ²		

Benefits

NW 340N is a blended nylon non-woven fabric that is soft, conformable and can be used in applications where temperatures reach up to 232°C.

60" x 55 yds
30" x 55 yds

1.52m x 50m
760mm x 50m



NW200N Nylon light weight breather

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (inches)	Roll Sizes (Metric)
232°C	Nylon blend	200 g/m ²		

Benefits

NW 200N is a non-woven, blended nylon fabric that is soft, conformable and can be used in applications where temperatures reach up to 232°C.

60" x 50 yds
30" x 50 yds

1.52m x 45.7m
760mm x 45.7m



Airweave® supplied in slit width rolls



Breathers supplied pre-cut for volume manufacturing

Breather & Bleeder

Ultraweave® 406 Light weight breather

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (Inches)	Roll Sizes (Metric)
232°C	Nylon 6.6	135 g/m ²		

Benefits

All Ultraweave® products have a higher temperature softening point and will not compress like polyester allowing for increased airflow. Ultraweave® 406 is the lightest, most conformable and least expensive nylon breather in the Ultraweave® family.

60" x 50 yards 1.52m x 46m



Ultraweave® 606 Medium weight breather

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (Inches)	Roll Sizes (Metric)
232°C	Nylon 6.6	204 g/m ²		

Benefits

All Ultraweave® products have a higher temperature softening point and will not compress like polyester allowing for increased airflow. Ultraweave® 606 is a medium weight yet conformable breather which replaces most 340 g/m² polyester breathers, reducing back pressure and porosity problems.

4" x 55 yards 100mm x 50m
60" x 55 yards 1.52m x 50m



Ultraweave® 1032 Heavy weight breather

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (Inches)	Roll Sizes (Metric)
232°C	Nylon 6.6	339 g/m ²		

Benefits

Ultraweave® 1032 is a heavy duty yet conformable breather which will work with most any autoclave cure and prevent trap off under the vacuum bag. This product eliminates the need for multiple layers of polyester breather.

30" x 55 yards 760mm x 50m
60" x 55 yards 1.52m x 50m



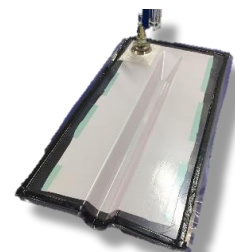
Stretch Flow 2000

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (Inches)	Roll Sizes (Metric)
232°C	Nylon	91.5 g/m ²		

Benefits

Stretch Flow 2000 is a knitted, nylon, stretchable breather used in a variety of applications. The high-stretch characteristics of Stretch Flow 2000 enable it to conform to many complex contour surfaces.

59" x 100 yards 1.49m x 91 m



Stretch Flow 2000 with NO BRIDGING on complex panel shape.



Breather & bleeder fabrics

BHT 20

Maximum Use Temperature	Carrier Type	Adhesive Type	Roll Sizes (Inches)	Roll Sizes (Metric)
180°C	Nylon	Acrylic		

Benefits

BHT 20 is an adhesive backed nylon hook tape which can be used to secure and hold non-woven breather fabrics onto both metallic and composite tooling.

1" x 27 yards

25mm x 25m



Airpath MD

Maximum Use Temperature	Fibre Type	Configuration of Net	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	Braided tube		

Benefits

Airpath MD is a tough lightweight braided sleeve. The open weave construction provides excellent airflow when used as an edge breather.

1"-2" x 250 feet

25-50mm x 76m



TFG 660 P2

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	PTFE coated fibreglass	530 g/m ²		

Benefits

TFG 660 P2 is an open mesh PTFE coated woven glass fabric which has a plain weave structure. TFG 660 P2 has excellent chemical and heat resistance properties and can be used in a variety of composite applications.

39" x 109 yards

1m x 100m



TFG 950 P2

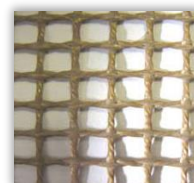
Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	PTFE coated fibreglass	460 g/m ²		

Benefits

TFG 950 P2 is an open mesh PTFE coated woven glass fabric which has a plain weave structure. TFG 950 P2 has excellent chemical and heat resistance properties and can be used in a variety of composite applications.

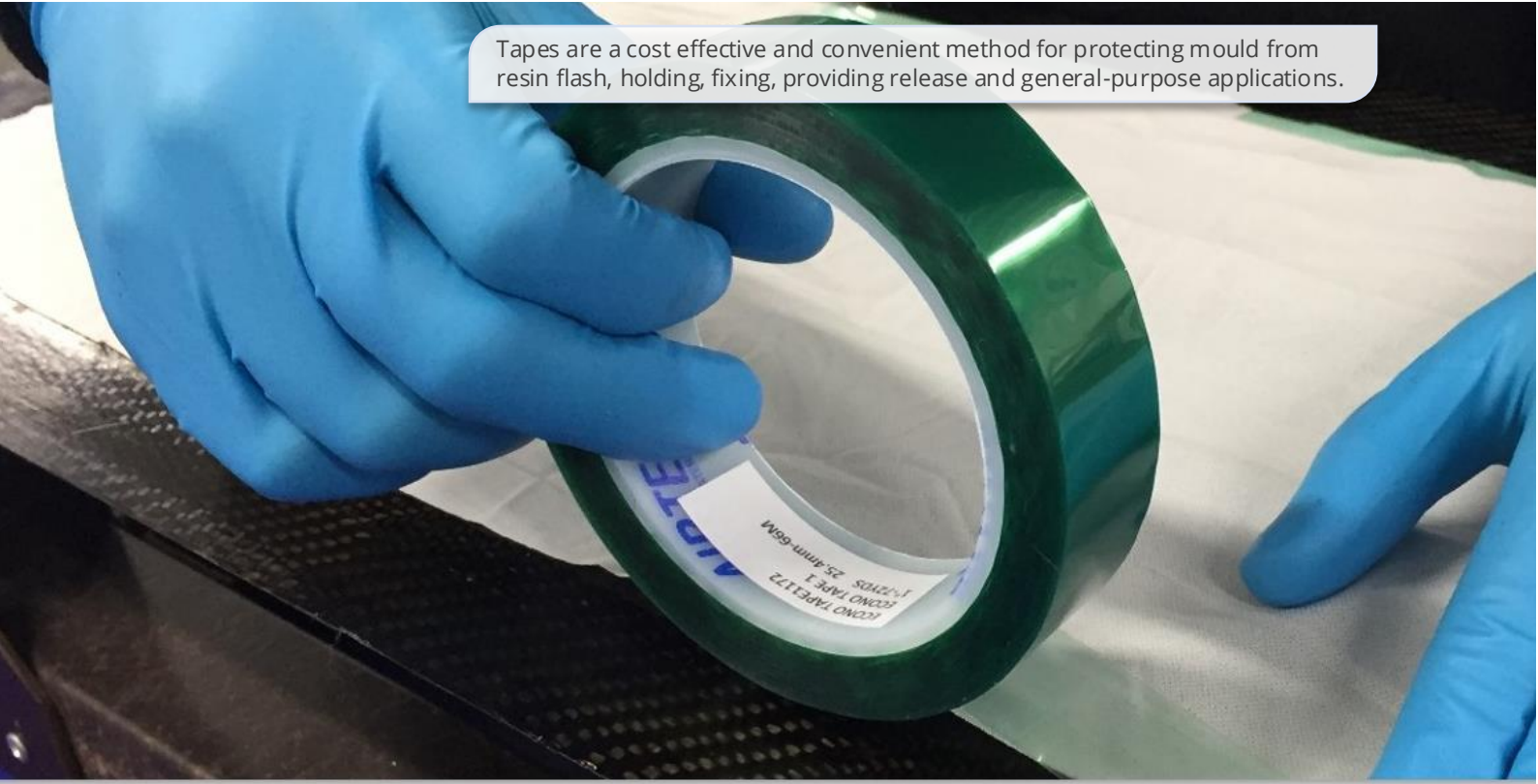
39" x 33 yards

1m x 30m

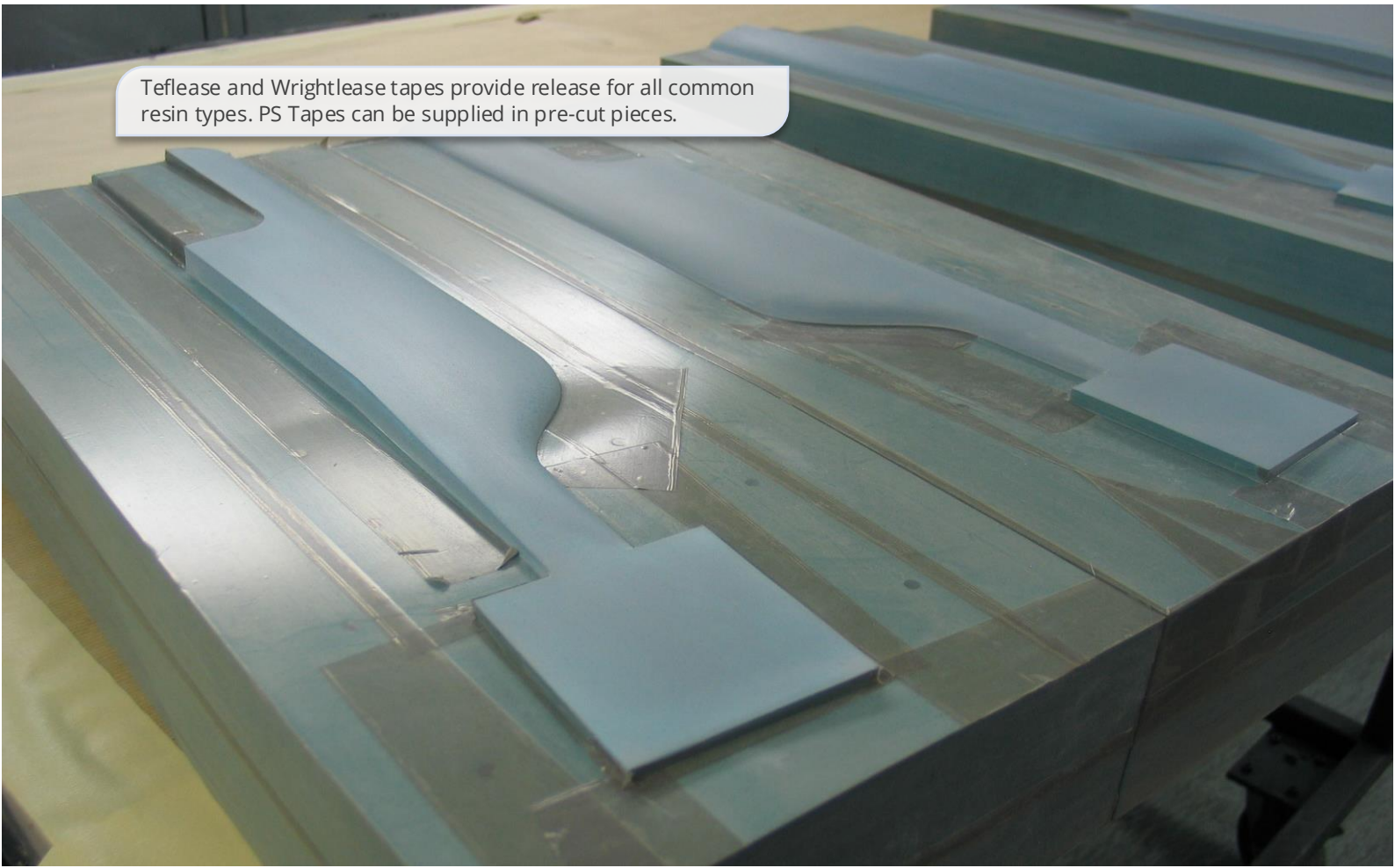


Ultraweave® breather supplied in slit width rolls.

Pressure Sensitive Tapes



Tapes are a cost effective and convenient method for protecting mould from resin flash, holding, fixing, providing release and general-purpose applications.



Teflease and Wrightlease tapes provide release for all common resin types. PS Tapes can be supplied in pre-cut pieces.



Tapes for holding, fixing, masking, releasing and protecting

EconoTape

Maximum Use Temperature	Carrier type	Adhesive type	Colour	Roll Sizes (inches)	Roll Sizes (Metric)
177°C	Polyester	Silicone	Green		

Benefits

EconoTape 1 is an inexpensive, multipurpose, silicone-based adhesive, pressure sensitive tape. EconoTape 2 is a stronger version of EconoTape 1. This tape can be used for holding down vacuum bagging materials, thermocouples, and other lay-up items. EconoTape 1 & 2 can be used for room temperature to 177°C applications.

1" x 72 yards	25mm x 66m
2" x 72 yards	50mm x 66m



Flashbreaker® 1

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	Silicone	Blue or Orange		

Benefits

Flashbreaker® tapes are high strength polyester films coated with a silicone adhesive for multi-purpose functions such as holding down vacuum bag materials. Flashbreaker® tapes remove easily after cure. The orange Flashbreaker® tapes have high visibility when placed on parts and moulds.

1" x 72 yards	25mm x 66m
2" x 72 yards	50mm x 66m



Wrightlease

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	Fluoropolymer	Silicone	Orange		

Benefits

Wrightlease is a non-stick tape for applications where resin release is required. The orange colour is highly visible on most substrates in addition to offering high elongation and tensile strength. Wrightlease 2 has 0.002" thick film, Wrightlease 4 has 0.004" thick film, it is stronger and tougher. The orange colour is highly visible on most substrates in addition to offering high elongation and tensile strength.

1" x 36 yards	25mm x 33m
2" x 36 yards	50mm x 33m



Wrightlease 2R

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Fluoropolymer	Silicone	Orange		

Benefits

Wrightlease is a non-stick tape for applications where resin release is required. The orange colour is highly visible on most substrates in addition to offering high elongation and tensile strength. Wrightlease 4 has 0.004" thick film and is stronger and tougher and is a low-cost non-stick tape solution for demanding applications.

1" x 36 yards	25mm x 33m
2" x 36 yards	50mm x 33m



Teflease MG2

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	PTFE	Silicone	Brown		

Benefits

Teflease MG2 is a PTFE film coated with a silicone adhesive. It is ideal for use on tooling blocks and all areas where high elongation and release is needed. Teflease MG tapes will form to critical contours and mould surfaces while offering multiple releases or may be used to cover multiple detail mould seams.

1" x 36 yards	25mm x 33m
2" x 36 yards	50mm x 33m



Airhold 1 CBS

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	Acrylic	White		

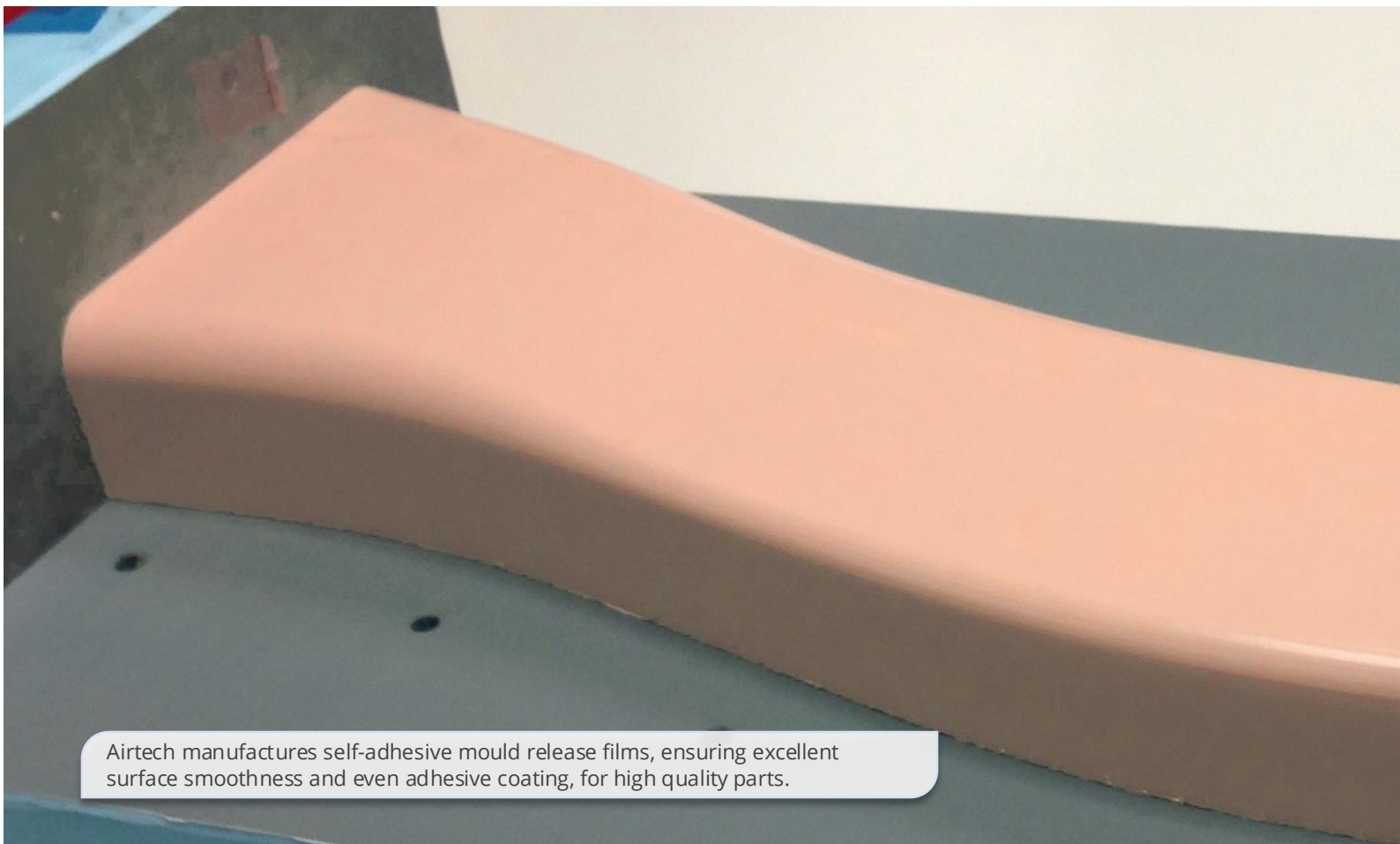
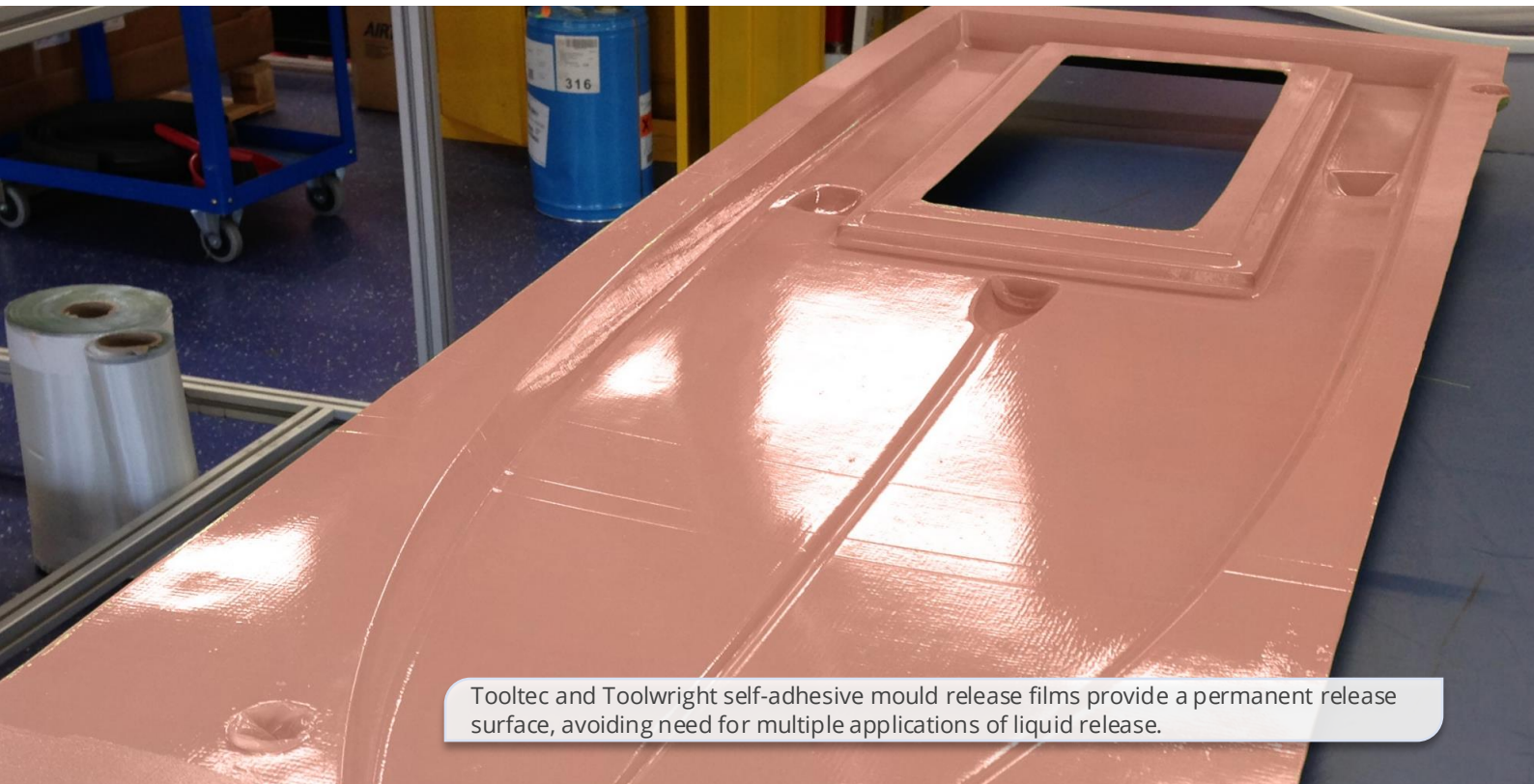
Benefits

Airhold 1 CBS is a double-sided fabric reinforced tape with a rubber-based adhesive on both sides. It can also be used to hold breather in place on the backside of moulds for envelope bagging applications.

1" x 36 yards	25mm x 33m
2" x 36 yards	50mm x 33m



Mould Release





Non-liquid release materials for patterns & moulds

TFG-S-075 AH

Maximum Use Temperature	Fabric	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	75µm PTFE coated fibreglass	Silicone	125µm		

Benefits

TFG S 075 AH is a general-purpose PTFE coated glass fabric tape with medium gloss coating suitable for consideration when cost is a prime factor.

39" x 98 feet

1m x 30m



TFG-S-125 AH

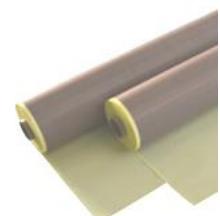
Maximum Use Temperature	Fabric	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	125µm PTFE coated fibreglass	Silicone	175µm		

Benefits

TFG S 125 AH is a general-purpose PTFE coated glass fabric tape with medium gloss coating suitable for consideration when cost is a prime factor. Can be used on the tool face to give a permanent release surface eliminating the need to apply release agents. Low coefficient of friction allows resin to flow easily against the surface. Mould tools with imperfections / pinholes can be covered to produce a suitable tooling surface.

39" x 98 feet

1m x 30m



Toolwright 3

Maximum Use Temperature	Film Carrier	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	50µm extruded fluoropolymer	Silicone	75µm		

Benefits

Toolwright 3 is a light orange extruded fluoropolymer film coated with silicone pressure sensitive adhesive. Toolwright 3 has high elongation, good tear strength, high temperature resistance and excellent clean up after removal.

50" x 18 yards

1.27m x 16.5m



Toolwright 5

Maximum Use Temperature	Film Carrier	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	100µm extruded fluoropolymer	Silicone	125µm		

Benefits

Toolwright 5 is an extruded fluoropolymer film coated with silicone pressure sensitive adhesive. The orange colour is highly visible on most substrates in addition to offering high elongation and tensile strength.

46" x 18 yards

1.17m x 16.5m



Tooltec® CS5

Maximum Use Temperature	Film Carrier	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	127µm PTFE	Silicone	165µm		

Benefits

Tooltec® CS5 is a PTFE film coated with a high temperature silicone pressure sensitive adhesive. It can be used to seal masters and leaky tool surfaces while providing semi-permanent and contamination free part release. Tooltec® CS5 is a non-reinforced mould surface reconditioning tape allowing conformance to complex contours and providing a semi-permanent release for contoured shapes.

36" x 18 yards

914mm x 16.5m

48" x 18 yards

1.22m x 16.5m

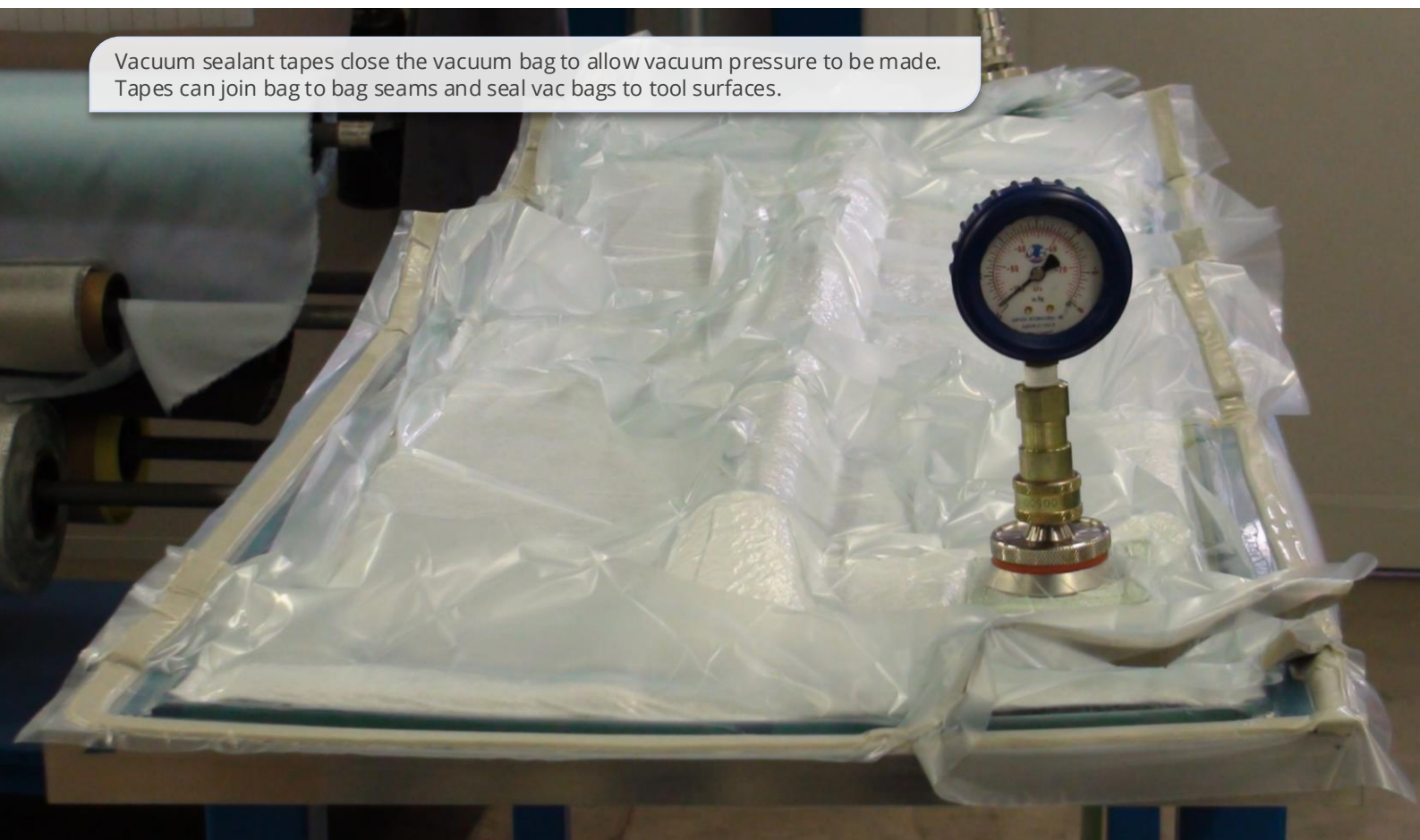


- Other products are available, please visit www.airtech-amg.co.uk for full product selection.
- Other sizes are available special order, please contact Airtech customer service representative for complete details.

Vacuum Bag Sealant Tapes



Low-cost sealant tapes manufactured for economic debulking, oven cure & autoclave curing.



Vacuum sealant tapes close the vacuum bag to allow vacuum pressure to be made. Tapes can join bag to bag seams and seal vac bags to tool surfaces.



Sealing vacuum bags to tools & sealing around tubing connections

TV 150G

Maximum Use Temperature	Colour	Base Materials	Tack Level	Sizes
150°C	Grey	Synthetic rubber	Good tack	

Benefits

TV 150G is an economical vacuum bag sealant tape developed for creating tight seals between vacuum bag to vacuum bag processes. It has great tack for quick adhesion applications, suitable for temperatures up to 150°C.

3mm x 12mm x 15m



Airseal 2

Maximum Use Temperature	Colour	Base Materials	Tack Level	Sizes
150°C bag to tool 180°C bag to bag	Black	Synthetic rubber	High tack	

Benefits

Airseal 2 is a cost-effective vacuum bag sealant tape for room and medium temperature applications. Airseal 2 has been specially formulated to provide excellent tack, firm feel, good clean-up and long shelf life. It can also be used for higher temperature envelope bag applications.

Airseal 2 - Standard tack version.

Airseal 2 Tacky - Superior tack for colder environments.

Airseal 2 Super Tacky - Very soft and very high tack version.

3mm x 12mm x 15m

3mm x 9mm x 15m

2mm x 10mm x 20m

2mm x 7mm x 20 m



AT-200Y

Maximum Use Temperature	Colour	Base Materials	Tack Level	Sizes
204°C	Yellow	Synthetic rubber	High tack	

Benefits

AT-200Y is an economical multi-purpose sealant tape with high tack. It removes easily from metal or composite tools. Suitable for cure applications up to 204°C.

3mm x 12mm x 7.6m



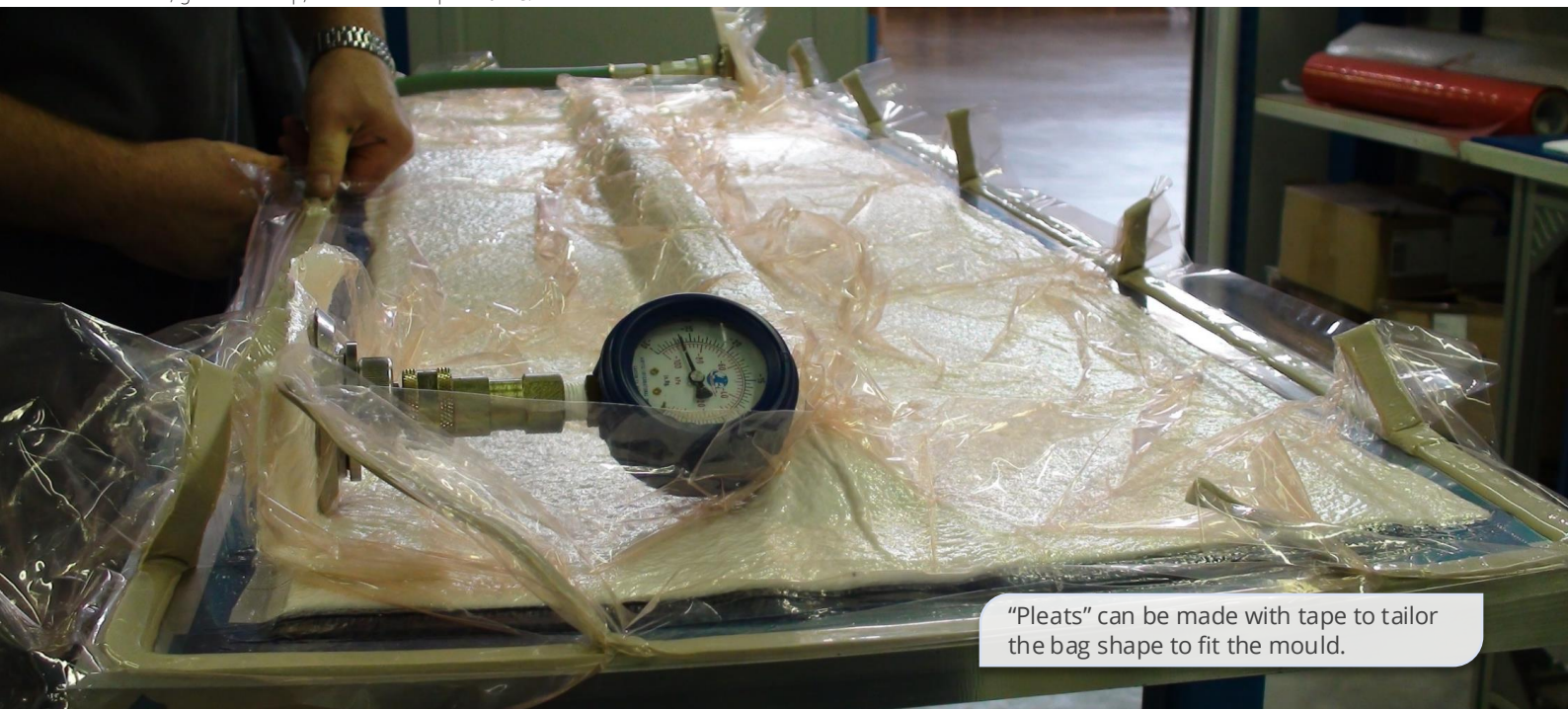
GS-213

Maximum Use Temperature	Colour	Base Materials	Tack Level	Sizes
204°C	Off-white	Synthetic rubber	Good tack	

Benefits

GS-213 is recognized worldwide as the work horse for the composites and bonding industries. It has excellent tack, great clean-up, and is usable up to 204°C.

3mm x 12mm x 7.6m



"Pleats" can be made with tape to tailor the bag shape to fit the mould.

Vacuum Valves & Hoses

Multi-Valve MV407 in bag pleat, with VacPad

Vac Valve 509

Maximum Use Temperature	Material	Size
260°C	Aluminium base plate & carbon steel top piece	

Benefits

Vac Valve 509 is a 2 piece vacuum valve which perforates the bagging film when the top piece is inserted and threaded into the base plate. The specific design of the threaded connection eliminates the need to cut the bagging film prior to inserting the top piece. **Note:** Can be supplied assembled with AQD500 Plug.

Ø 50 mm Base Diameter
1/4 inch BSP threaded fitting



Vac Valve 401C

Maximum Use Temperature	Material	Size
260°C	Cast aluminium	

Benefits

Vac Valve 401 series is a twist lock through bag connector designed to work with our AQD 500TF quick disconnects. In combination with our AQD 500 quick disconnects. **Note:** Can be supplied assembled with AQD500 Plug.

Ø 63 mm Base Diameter
1/4 inch Male NPT



Premium Multi-Valve 407

Maximum Use Temperature	Material	Size
260°C	Stainless steel	

Benefits

The solid body design of the Premium Multi-Valve 407 combines the male quick disconnect and thru-bag connector, eliminating threaded connections and potential leak paths. Robust stainless steel construction ensures corrosion resistance and long life. High temperature O-ring and platinum cured silicone gasket give a long service life. It is fully compatible with 3/4" ISO-B "Hansen" style quick-disconnects. The valve mechanism and O-ring seals can easily be replaced to extend life.

Ø 60 mm Base Diameter
1/4 inch



AQD 500TF

Maximum Use Temperature	Material	Size
260°C	Carbon steel	

Benefits

The AQD 500TF quick disconnect couplings are made of high carbon steel that have been plated to halt oxidation. The couplings have internal valves so when disconnected the airflow is shut off in both plug and socket. This means your vacuum bag holds vacuum even after the vacuum hose has been disconnected.

1/4 inch BSP





For workshop, oven & autoclave

VH 210

Maximum Use Temperature	Material	Thread Size	Hose Length (m)
210°C	Silicone rubber / steel	1/4 inch BSP	2m 3m 5m

Benefits

VH 210 hoses are an economical, strong, silicone tube supported internally by a steel spring that can come supplied in any length up to 10 m. **Note:** Can be supplied assembled with AQD500 sockets on each end.



VH 210R

Maximum Use Temperature	Material	Thread Size	Hose Length (m)
232°C	Reinforced silicone rubber / steel	1/4 inch BSP	2m 3m 5m

Benefits

VH 210R vacuum hose is a robust and durable fibre reinforced version of VH 210. **Note:** Can be supplied assembled with AQD500 sockets on each end.

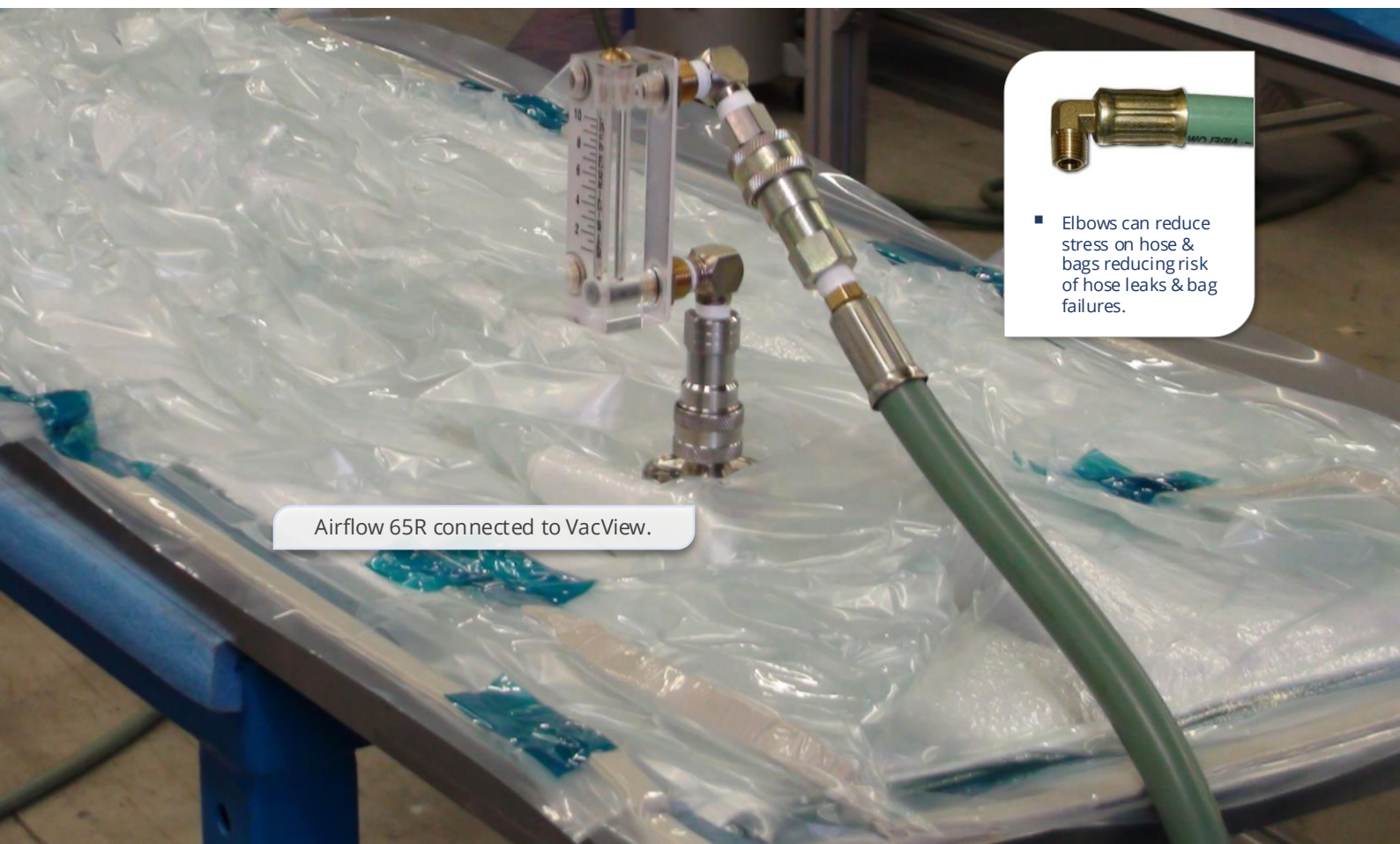


Airflow 65R

Maximum Use Temperature	Material	Thread Size	Hose Length (m)
232°C	Silicone rubber / Interlocking steel tube	1/4 inch BSP	2m 3m 5m

Benefits

Airflow 65R can be used as an autoclave or oven hose. The outer ply is silicone rubber that encases a flexible steel tube that prevents collapse and hose separation. The bell-shaped ferrule helps prevent hose lacerations at fitting ends extending hose life. **Note:** Can be supplied assembled with AQD500 sockets on each end.



Airflow 65R connected to VacView.



- Elbows can reduce stress on hose & bags reducing risk of hose leaks & bag failures.

Vac Gauges & Lay-Up Tools

Vac-Gauge 30

Assembly Style	Range	Screw Thread
Screwed	0 - 30 in. Hg (0 - 100 KPa)	

Benefits

Vac-Gauge 30 is our durable, inexpensive vacuum gauge used to determine how much vacuum is under your vacuum bag. A heavy ridged blue rubber jacket protects the gauge from damage in normal shop use. The Vac-Gauge 30 stem is a 1/4 inch male NPT fitting that fits easily into our AQD quick disconnects. **Note:** Can be supplied assembled with AQD500 Socket.

1/4 inch male NPT



Vac-Gauge 40D

Assembly Style	Range	Screw Thread
Screwed	0 - 30 in. Hg (0 - 100 KPa)	

Benefits

Vac-Gauge 40D is a versatile digital vacuum gauge used for leak detection and vacuum determinations under your vacuum bag. The gauge offers vacuum readings in four selectable units: mBar, mmHg, inHg, and KPa. A heavy duty rubber jacket protects the gauge from damage in normal shop use. The Vac-Gauge 40D connection stem is a 1/4-18 inch NPT thread fitting that fits easily into our AQD quick disconnects. **Note:** Can be supplied assembled with AQD500 socket

1/4 inch male NPT



Vac Saver HT

Service Temperature	Material Type	Material Type Seals	Screw Thread
200°C	Anodized aluminium	Fluorocarbon	

Benefits

Vac Saver HT is a one way check valve used to protect vacuum bagged parts against vacuum loss. Vac Saver HT protects against back pressure when multiple lines are connected to a single vacuum source. In case of a vacuum loss in a part which is connected to the same vacuum source, the Vac Saver HT closes automatically and protects parts against vacuum loss. Vac Saver HT can be used in combination with our quick disconnects like AQD 500TF and our Airflow vacuum hoses.

1/4 inch male NPT



Vac View 10

Graduations	Construction	Range	Quick Disconnect Plug / Socket
0.5 SCFH	Acrylic body with carbon steel connections	0 to 4.7 litres / minute	

Benefits

The Vac View 10 leak indicator allows the instant detection of both high and low level leaks within a vacuum bag. Airflow through the Vac View causes the internal ball to oscillate and float inside the acrylic body, displaying a definite airflow reading which can be read off against the scale. This allows the size of the leak to be easily quantified.

1/4 inch



VacLeak LEQ-70

Frequency Response	Equipment Components	Display
38-42 kHz	Receiver, headphones, hollow probe and carrying case	Ten element bar graph

Benefits

The latest VacLeak LEQ-70 Series 3 is a compact economical vacuum leak detector for finding leaks in vacuum bags, sealant tapes, hoses and fittings. The VacLeak LEQ-70 Series 3 has improved circuitry for 20% more sensitivity to convert the ultrasonic sound produced by leaks to an audible level and also visually display the leak on an LED meter. With clearer sound technicians can detect leaks faster than ever before.





Gauges, flow meters and ultrasonic detectors & tools for prepreg laminating

Airsweep

Benefits

Airsweep is a HDPE paddle, designed to help compact prepreps and wet lay-ups into a difficult radius. Airsweep also aids in removing wrinkles and trapped air between plies. Airsweep has a grip ridge in the centre for finger comfort which also helps in applying pressure.

Product Reference	Colour	Material	Length
Airsweep	White	HDPE	100mm
Airsweep R2 (with handle)	White	UHMW PE	115 mm
Airsweep R3 (with handle)	Black	Nylon	115 mm



Shop Shears

Benefits

Our Shop shears are lightweight (1/2 the weight of other shears) and stronger than most other metal shears. The Shop shears have larger handles to reduce stress and thicker blades for heavy duty cutting. Serrated edges are available at an additional charge. Fabricated from 440C stainless steel throughout handles for strength, Shop shears are one of the hardest and smoothest cutting shears available, with approx. 60 HRC, hardened throughout. Other advantages are: 45° honed cutting edge, soft santoprene inserts to cushion your hands and double-locking nuts for strength.

Product Reference	Type	Length	Weight
SS-7205-8	Straight shears	200mm / 8"	150g
SS-7230-9	Straight shears	230mm / 9"	170g
SS-7250-10	Straight shears	250mm / 10"	210g
SS-7280-11	Straight shears	280mm / 11"	248g
SS-7300-12	Straight shears	310mm / 12"	306g



Airtac 2 LH+ Spray Adhesive

Spray Style	Adhesive Type	Characteristics	Colour	Can Size	Cans Per Case
Fine mist	High tack adhesive	Methylene chloride free, toluene free	Clear	500ml	12 cans / case

Benefits

Airtac 2 LH+ is a high tack spray adhesive designed for temporary bonding. Airtac 2 LH+ can be used to hold dry materials on contours and vertical surfaces. This product is ideally suited to resin infusion applications for holding plies, release films, peel plies, and infusion mesh in place until the vacuum bag is secured. Airtac 2 LH+ has a fine mist spray pattern.

500ml 12 cans / case



Airsweep R3 and Shop Shears in use during BETA prepreg lay-up.

Rubber & Accessories

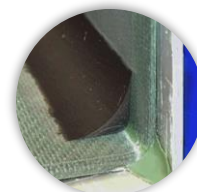
Pressure Strip

Maximum Use Temperature	Colour	Base Materials	Roll Sizes
230°C	Black	Uncured butyl rubber	

Benefits

Pressure Strip is a butyl rubber tape used as an intensifier in corners where pressure is difficult to apply with only a vacuum bag. Pressure Strip is easily applied uncured on the prepreg layup and moulds to part shape during the cure cycle. Pressure Strip works from 120°C up to 230°C in autoclave or oven.

3mm x 25mm x 7.6m



Tyga flex

Maximum Use Temperature	Colour	Base Materials	Roll Sizes
180°C	White	Uncured silicone	

Benefits

Tyga flex is an uncured silicone rubber which has been specially formulated for use as a pressure intensifier on complex shaped parts during vacuum bagging. It can also be used to provide vacuum bag protection from puncture due to bolt heads. Uncured Tyga flex can be applied over a release film on a prepreg lay-up, it will cure out in the early stages of cure and will then apply pressure intensification through prepreg curing stage. Alternatively, Tyga flex can be cured out on its own at 125°C in 20 minutes and then used as a cured intensifier over prepreg lay-ups.

6mm x 0.45m x 1.55m

(5 Kg / roll)



Aircast 3700 A & B

Maximum Use Temperature	Colour	Base Materials	Packaging
232°C	Tan (base) / Blue (cure agent)	RTV silicone rubber	4.08kg Kit

Benefits

Aircast 3700 A/B is a two component modified RTV compound designed for use in the manufacturing of flexible moulds and mandrels. Aircast 3700 A/B is also ideal for casting pressure pads. The high differential in thermal coefficient of expansion between Aircast 3700 A/B and a mould makes it useful in trapped rubber moulding.

(Part A 3.63kg + Part B 0.45kg)

20.42kg kit

(Part A 18.14kg + Part B 2.27kg)



Airfill 2

Maximum Use Temperature	Colour	Base Materials	Packaging
232°C	Black : White (A:B)	Polyester	Quart Kit

Benefits

Airfill 2 is a high temperature polyester quick setting filler paste that can stand up to 232°C. Airfill 2 is typically used for pattern work, temporary mould repairs, trim and drill tools and assembly fixtures, gel-coat repairs. The thixotropic flow behaviour of Airfill 2 allows an easy application and good coverage.

(Part A 1.22kg + Part B 28g)

Gallon Kit
(Part A 5.78kg + Part B 114g)



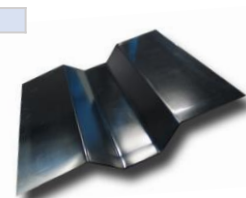
Airpad

Maximum Use Temperature	Colour	Base Materials	Roll Sizes
204°C	Black	Non-silicone rubber	

Benefits

Airpad is an uncured, non-silicone rubber for manufacture of pressure caul sheets, flexible mandrels, and rubber tooling. Airpad caul sheets improve part quality on the vacuum bag side of the part. The Airpad pressure intensifier provides uniform pressure distribution during autoclave processing. Airpad will take high temperature similar to silicone rubbers but will not cause silicone contamination. Airpad is dimensionally stable when reinforced with Airtech Toolmaster Prepregs, which bond well and do not generate volatiles that could also cause delamination.

1.6mm x 1.37m x 15.24m



Airpad pressure caul plate



Rubber intensifiers, shrink tapes, thermocouples & table cutting tops

A 575 & A 575 RC Shrink tape

Maximum Use Temperature	Material	Starts to shrink	Sizes
204°C	Polyester	79°C	

Benefits

A 575 high shrink tape is a flexible polyester tape. Ideal for mandrel wrapping aircraft tubular parts, golf shafts, tennis rackets, fishing rods, etc. A 575 RC is coated with a non-silicone release agent for direct release. This eliminates the need for release films or release fabrics used under A 575. The release coating is on the outer surface of the tape roll. A 575 and A 575 RC are available with the P3 perforation for evacuation of volatiles.

25mm x 91.4m
50mm x 91.4m



Auto-Couple 20, 24 & 28

Maximum Use Temperature	Thermocouple Type	Product Reference	Sizes
246°C	Type J moulded male plug & Tig welded junction	Auto-Couple 20	20 Gauge (0.81mm) x 4.57m
		Auto-Couple 24	24 Gauge (0.51mm) x 4.57m
		Auto-Couple 28	28 Gauge (0.32mm) x 4.57m
		Auto-Couple EXT	3m, 6.1m & 9.1m

Benefits

Auto-Couple is an economical, ready to use thermocouple, designed to reduce vacuum leakage during autoclave temperature measurement. The male connector is welded to the wire extrusion, eliminating any user assembly. Auto-Couple may be used repeatedly. Auto-Couple EXT thermocouple extension wires bridge the long runs between part, thermocouples and jack panels in the autoclave. Auto-Couple EXT features a rugged construction that allows for reuse in the autoclave.

Note: Type K thermocouple can also be supplied.

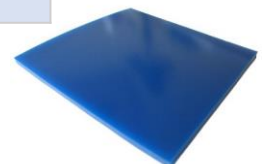


Durocast

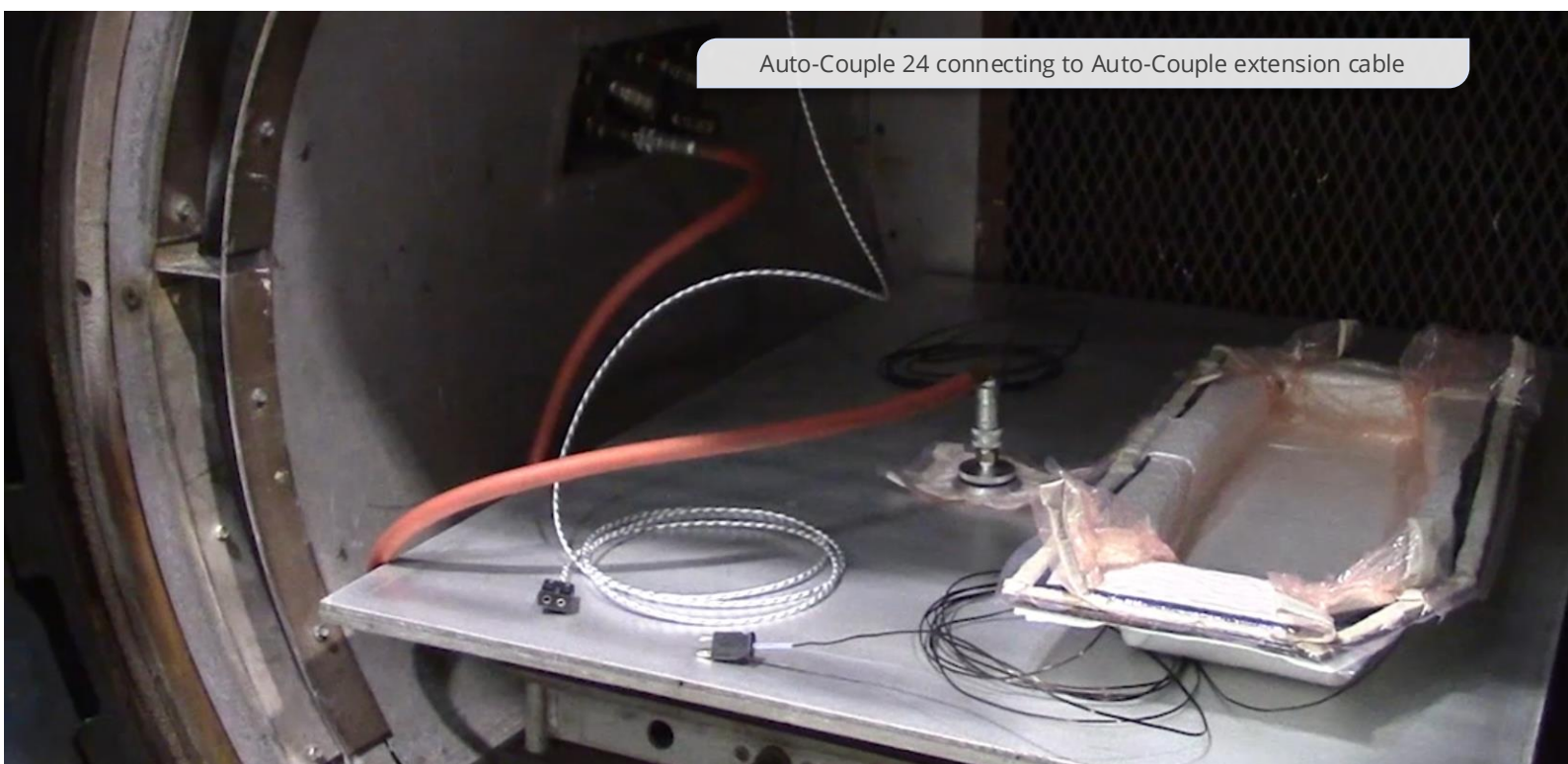
Colour	Material	Thickness	Sizes
Blue	Polyurethane	6mm	

Benefits

Durocast table tops are manufactured using the highest grade urethane available. The cutting surfaces always provide a smooth, non-contaminated working surface. Our standard size, colour and gauge table tops can be certified to be silicone free.



Auto-Couple 24 connecting to Auto-Couple extension cable



Kitted & Custom Engineered Products

Customisation of materials

- Cut to shape materials
- Printing on materials
- Welded materials
- Sewn materials
- Bonded materials
- Assembled materials
- Kitted materials



BENEFITS

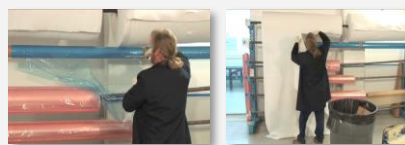
Simplify Purchasing

Include Consumables on BOM
Predict usage more accurately



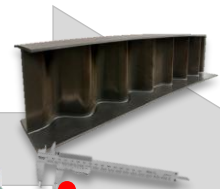
Reduced Operator Motion

Reduce travel time to rack
Reduce waiting & restock times
Reduce materials cutting times



Reduce Cycle Time

Reduce time spent bagging
Increase product throughput



Increase Stores Efficiency

Simplify stock control
Introduce line feed
Reduce overstocking space



Reduce Cost of Waste

Get Nesting efficiencies
Reduce waste material
Reduce waste disposal costs



Improve repeatability & Part quality

Establish bagging standards
Reduce cross shift variations
Reduce bagging error root cause part faults

Reduce Touch Labour

Reduce time spent trimming
Reduce cutting error waste
Reduce bagging time



DATA SHEETS

Combo-Tech

Combo-Tech combination of Peel ply / Release film / Breather



Benefits

- Reduce kitting labour & cycle times.
- Controlled resin bleed out to reduce weight.
- Reduce number of materials.
- Improve surface finish & laminate quality.
- Reduce cost of rework & cost of scrap.

How to Combo-Tech

1

Choose your materials, include detail such as,
e.g., Product type, weight, thickness, color, perforation,
etc.

2

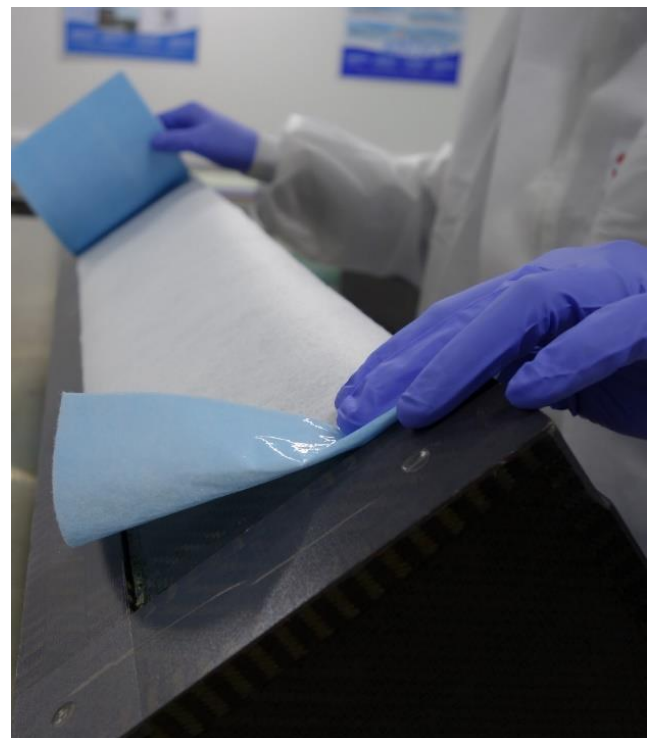
Choose your Combo-Tech

- Roll up orientation (which material is on outside, middle and inside)
- Edge style (untrimmed, trimmed, staggered)
- Roll width and preferred length (these will be based on standard sizes of individual rolls to minimize waste)

3

Contact Airtech

- with your request and we will provide a quote with lead time and minimum order quantity that will apply.



Airtech UK Customer Service



Global manufacturing & Local Inventories
Delivering Short Lead Times. AAMG: >98% OTD



Customer Service
Team Contacts



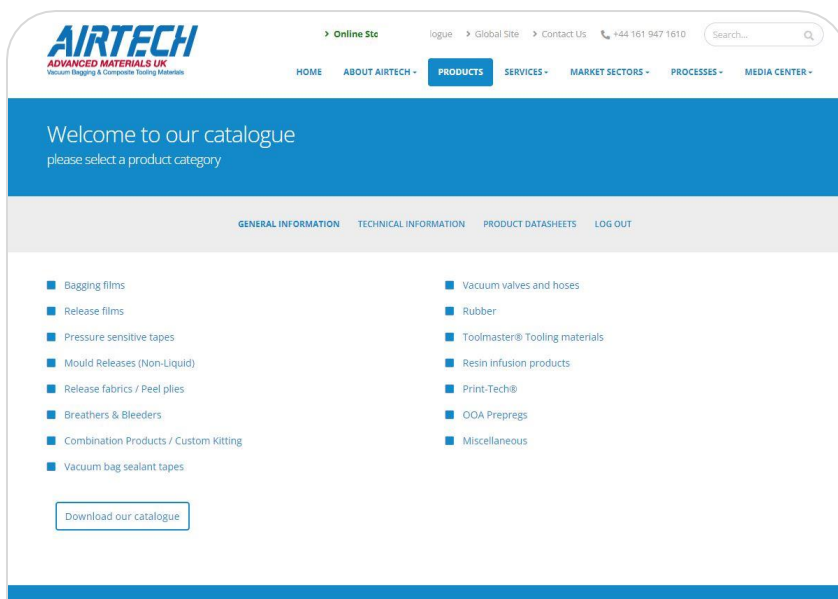
Development, Innovation &
Continuous Improvement



Technical Support, Training Workshop & On-site Training Support



Quality System Accreditation



Online Catalogue with Technical Data Sheet & Safety Data Sheet Download



Consignment Stocking & Management Service



Recyclable Packaging



Dedicated to the needs of our customers

Airtech has been a supplier and supporter of all forms of Motorsport since the 1980's. We continue to develop new materials specifically for Automotive Composites using expertise developed in all composite industries such as Aerospace, Wind Energy, Marine etc.

All American Racers

Swift 009.c Champ Car

On display at Airtech International, Huntington Beach, this Champ Car is an example of a full composite race car designed and built in the USA with Airtech materials.



Driver: Michael Andretti
Racing: 1998 Cart
Season
Chassis: #008
Weight: 1550 lbs.
Top Speed: 220 Mph+

Need more information, a quote or a sample?

Please contact our customer service team:

Phone: +44 161 947 1610

Email: sales@airtech-amg.co.uk



About Airtech UK

Chadderton, England

www.airtech-amg.co.uk

- ▶ Airtech UK (formerly Tygavac) is a division of Airtech Advanced Materials Group, the largest manufacturer of vacuum bagging and composite tooling materials for prepreg/autoclave, resin infusion, and wet lay-up processes up to 799°F (426°C). Our product line consists of: vacuum bagging films, release films, pressure sensitive tapes, mould releases (non-liquid), peel plies, breathers & bleeders, sealant tapes, vacuum bag connectors & hoses, rubber, pressure pads, cutting tools, vacuum leak detectors, shrink tape, PTFE coated fibreglass, tooling prepregs and resins, and carbon and glass reinforcements.
- ▶ With 50 years of extrusion experience, we've taken the next step into additive manufacturing. Print-Tech® is our new large scale additive manufacturing or 3D printing tooling service for composites. Large-scale tooling in the form of trim fixtures, holding fixtures, and layup moulds can be designed, tooled, and built faster without compromise quality. Also, we manufacture a full line of Dahltram® tooling and Dahlpram® purging resins.
- ▶ Airtech Advanced Materials Group is family owned. We have seven locations strategically placed worldwide: Huntington Beach, California, USA; Chino, California, USA; Springfield, Tennessee, USA; Differdange, Luxembourg; Chadderton, England; Goa, India and Tianjin, China. All of our facilities offer technical assistance and are ready to meet your composite production challenges.
- ▶ Airtech is an ISO 9001:2015 / AS9100 Rev. D registered company.

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